Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.
NM-010989

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Horton L S 3

2. Name of Operator
Amoco Production Company

Attention:
Dallas C. Kalahar

9. API Well No.
3004520897

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201

10. Field and Pool, or Exploratory Area
Blanco (Pict Cliffs)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1190 FSL 1090FWL Sec. 35 T 32N R 11W

11. County or Parish, State
San Juan New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Braden Head Repari	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco intends to perform the attached workover procedure required to eliminate bradenhead pressure.

In addition, Amoco also requests approval to construct a temporary 15'x15'x 5' blow pit for return fluids. This pit will be reclaimed if utilized, upon completion of this procedure.

If you have any questions, please call Dallas Kalahar at 303-830-5129.

RECEIVED
OCT 25 1993
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
93 OCT 18 AM 9:57
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signed Dallas Kalahar Title Staff Business Analyst Date 10-11-1993

(This space for Federal or State office use)

Approved by _____ Title _____ Date OCT 14 1993

Conditions of approval, if any:

APPROVED
DISTRICT MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, ficticious, or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side
NMOCD

BRADENHEAD REPAIR PROCEDURE
HORTON LS 3

October 6, 1993 (1st version)

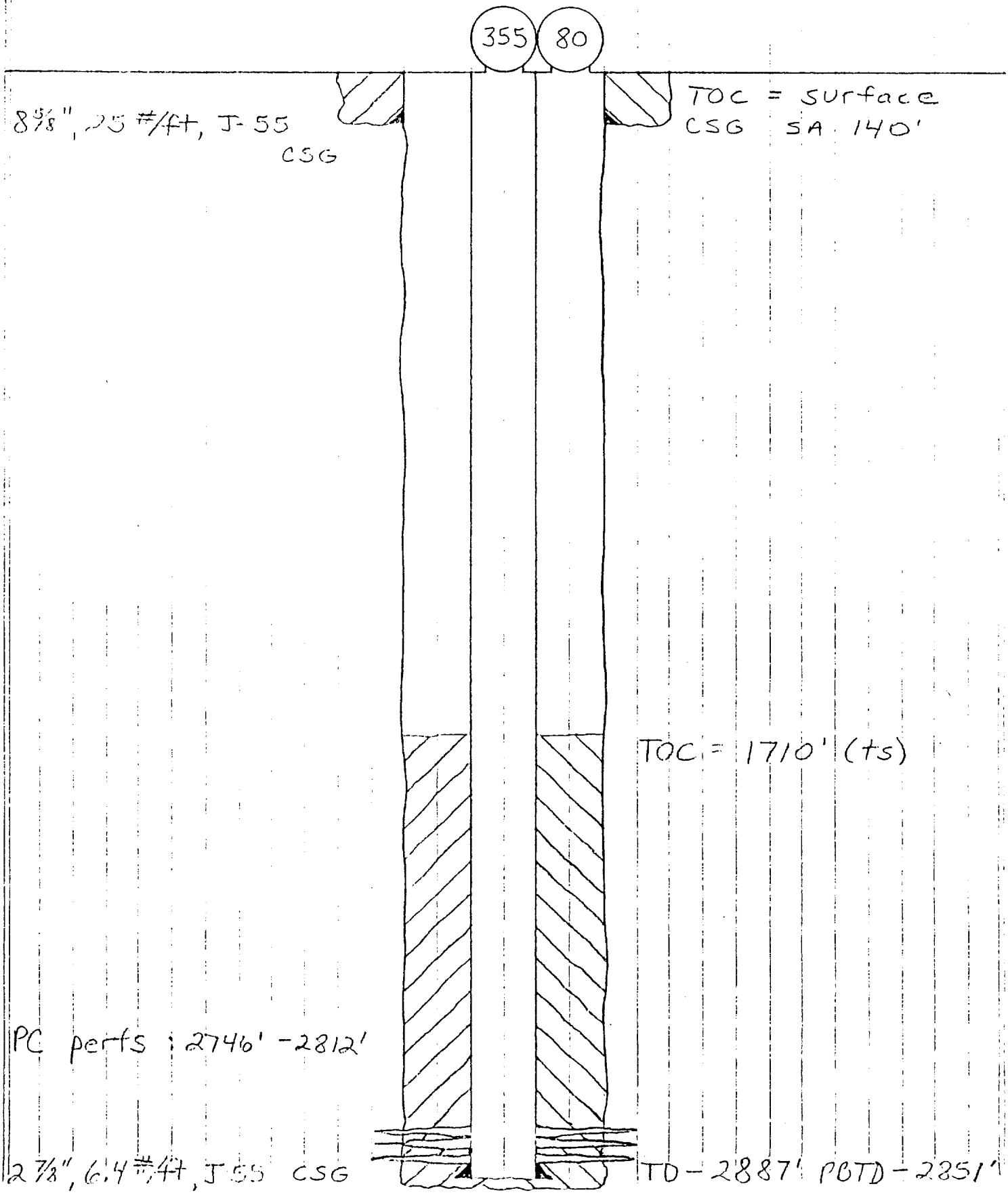
1. Record FTP, and SIBHP.
2. RU lubricator and run in with guage ring to bottom.
3. Set an RBP at 2700'.
4. Blow down 2 7/8" casing.
5. Pressure test casing and plug to 500 psig. If test fails, report to Paul Edwards at the Denver office and do not continue with procedure.
6. Run a GR/CBL from the RBP to the surface, determine TOC.
7. Blow down bradenhead.
8. MIRUSU.
9. Remove casing slips and replace with partial slips designed by Berto Martinez to allow access to the annulus between the 2 7/8" and 8 5/8" casings.
10. Slack off 2 7/8" and install bull plug on top joint.
11. Install BOP.
12. Trip in the 2 7/8", 8 5/8" annulus with open ended 1 1/4" IJ tubing. A mule shoe on the bottom of a pre-perforated joint of tubing is recommended.
13. Trip in to 1710' (estimated top of cement). Rotate and/or circulate as bridges are encountered.
14. Pick up on 2 7/8" tubing.
15. Establish circulation to surface. Calculate annular volume with a dye.
16. Conduct a circulation squeeze by pumping 300% of annular volume of class B cement with 6% gel through tubing. Note returns to surface. If cement settles after shutting down, tie in to bradenhead and pump additional volumes to keep cement level at the surface.
17. TOH, if possible, with tubing. Maintain cement level at surface.
18. Reinstall original slips and wellhead.
19. Remove tubing plug and RBP.
20. RDMOSU.
21. RU coiled tubing unit and TIH with 1" coiled tubing, clean out with nitrogen to PBTD (2851'), and land tubing at 2768'.
22. Tie well back into surface equipment and return to production.

Amoco Production Company

ENGINEERING CHART

Sheet No ____ Of ____
File ____
Appn ____
Date ____
By PAE

SUBJECT Horton LS 3 (PC)



June 30, 1972

Horton #3

While drilling this well, we encountered a gas and water flow at 880'. This water flow and gassing continued throughout the drilling operations.

While cementing the long string, the only circulation was that of gas and clear water. No mud was visible during this operation. B&R temperature survey showed top of cement at 1710'.

Pressure on bradenhead was recorded one day after cementing (6-27-72) at 150 psig. Upon opening the bradenhead, gas and water unloaded immediately.

Robert E. Stauffer

RES:pb